

## ABSTRACT

An aircraft with a long body 1 which has a forward end 2 and an aft end 3, which is able to achieve vertical take-off by means of a tiltable rotor and blade assembly 4 at the forward part of the aircraft and a tiltable turbojet 40 at the rear of the aircraft. The rotor and blade assembly is rotated by an engine assembly, with the engine assembly, the rotor and blades all positioned on top a multi-directional tilt enabling joint 9. The turbojet is fitted to a multi-directional tilt enabling joint 22 to allow control of lateral movement of the aircraft as well as providing vertical lift and forward propulsion during forward flight.